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METHOD OF ULTRA-LOW ENERGY ION IMPLANTATION TO FORM ALLOY LAYERS IN COPPER

ABSTRACT OF THE DISCLOSURE

A method of fabricating an integrated circuit can include forming a barrier layer along lateral side walls and a bottom of a via aperture, forming a seed layer proximate and conformal to the barrier layer, and ion implanting elements into the seed layer. The via aperture is configured to receive a via material that electrically connects a first conductive layer and a second conductive layer.